

Listing of the Claims

1. (currently amended) An article comprising two or more layers in optical contact, each of said layers having a principal color, wherein one or more of said layers is light transmitting, said article having at least one edge exposing at least one light transmitting layer, wherein the observed color of said at least one exposed light transmitting layer, when viewed along said edge, appears different than its principal color (shows angular multichromatic characteristics) solely due to the viewing angle, and wherein each layer of said article has a thickness of from greater than 0.1 to 100 mm, wherein at least one light transmitting layer has a thickness of from 1 to 100 mm.
2. (cancelled)
3. (original) The article of claim 2 wherein the observed color of said at least one exposed light transmitting layer, when viewed along said edge, changes at one or more threshold viewing angles.
4. (original) The article of claim 1 wherein the observed color of said at least one exposed light transmitting layer, when viewed along said edge, appears to be a mix of two or more principal colors.
5. (original) The article of claim 1 comprising three or more layers.
6. (original) The article of claim 1 comprising two or more layers that are light transmitting.
7. (original) The article of claim 1 wherein all of said layers are light transmitting.
8. (original) The article of claim 1 wherein at least one of said layers is opaque or translucent.

9. (original) The article of claim 1 wherein said two or more layers comprise plastic or glass.
10. (original) The article of claim 9 wherein said two or more layers comprise acrylic polymer.
11. (original) The article of claim 10 wherein said acrylic polymer comprises polymethyl methacrylate.
12. (previously presented) The article of claim 1 wherein said two or more layers are made of the same material.
13. (original) The article of claim 1 having at least two adjacent light transmitting layers.
14. (previously presented) The article of claim 1 wherein the difference between indices of refraction of adjacent layers is 0.1 or less.
15. (original) The article of claim 1 wherein the indices of refraction of adjacent layers are within about 0.5 of each other.
16. (original) The article of claim 1 wherein said layers have indices of refraction greater than air.
17. (original) The article of claim 1 wherein said layers have an index of refraction of at least about 1.05.
18. (original) The article of claim 1 having a depth measured from said edge wherein said depth is variable.

19. (original) The article of claim 18 wherein said depth is varied by cuts through said layers.
20. (original) The article of claim 1 wherein said article is produced by coextrusion or fusion bonding of said layers.
21. (original) The article of claim 1 comprising interlayer material.
22. (original) The article of claim 21 wherein said interlayer material is a liquid having an index of refraction between about 1.05 and about 2.0.
23. (original) The article of claim 1 wherein said two or more layers are light transmitting acrylic polymer having indices of refraction of at least about 1.05 and within about 0.5 of each other, wherein said two or more layers are coextruded.
24. (original) The article of claim 1 wherein said two or more layers are light transmitting acrylic polymer having indices of refraction of at least about 1.05 and within about 0.5 of each other, wherein said two or more layers are separated by an interlayer having a lower index of refraction than said two or more layers.
25. (original) The article of claim 24 wherein said interlayer is a liquid.
26. (original) The article of claim 24 wherein the index of refraction of said interlayer is lower by about 0.1 or less.
27. (original) The article of claim 1 wherein said article is a sheet.
28. (original) The article of claim 27 wherein said sheet is transformed into a three-dimensional form.

29. (original) The article of claim 27 wherein said sheet is transformed into three-dimensional form suitable for a display, consumer product, or decorative support for an object.

30. (original) The article of claim 1 in the form of a display, consumer product, or decorative support for an object.

31. (cancelled)

32. (previously presented) The article of claim 1 wherein said article further has a fluorescent, phosphorescent, electrochromic, photochromic, pearlescent, or effervescent visual effect.

33. (cancelled)

34. (cancelled)

35. (currently amended) The article of claim 1 wherein each layer of said article has a thickness of ~~greater than~~ 1 mm to 100 mm.